

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A portable electronic device that is reprogrammable through a pager network, the device comprising:

an external communications port for electronically connecting the electronic device to a first electronic device that is separate and distinct from the electronic device;
a data transceiver for transmitting send data and receiving receive data from a pager network;
a processor in electronic communication with the external communications port for communicating through the external communications port with the first electronic device, the processor also being in electronic communication with the data transceiver for communications with the pager network; and
reprogrammable memory programmed with instructions to cause the device to provide an identification for the electronic device to a controller through the pager network and to receive new program code from the pager network and to reprogram the reprogrammable memory with the new program code for enhancing communicating communications with the first electronic device through the external communications port, wherein the electronic device is reprogrammed and the first electronic device is not reprogrammed.

2. (Currently Amended) The device as defined in claim 1 wherein the external communications port comprises a serial communications port for electronically connecting the device to another electronic device.

3. (Original) The device as defined in claim 1 enclosed in a plastic snap-fit enclosure.

4. (Original) The device as defined in claim 1 further comprising a single-board computer, the single board computer including the processor and the memory.

5. (Original) The device as defined in claim 4 wherein the single-board computer and the data transceiver are connected by a serial connection.

6. (Currently Amended) A portable and handheld electronic device capable of communications over a pager network, the device being remotely reprogrammable through the pager network to acquire new functionality:

- a substantially closed housing;

- a data transceiver board for transmitting send data and receiving receive data from a pager network, the data transceiver board located substantially inside the housing;

- an antenna extending from the housing, the antenna being in electronic communication with the data transceiver board;

- a single-board computer the single-board computer being located substantially inside the housing and being substantially parallel with the data transceiver board, the single board computer comprising:

- a microcontroller that includes a processor, RAM and flash memory;

- a serial communications port for electronically connecting the device to a second electronic device, the serial communications port being accessible through a port opening in the housing;

- a serial transceiver for use with the serial communications port, the microcontroller being in electronic communication with the serial communications port through the serial transceiver for communicating with the second electronic device;

- a serial connection for electronically connecting the single-board computer to the data transceiver board such that the microcontroller is in electronic communication with the data transceiver for communications with the pager network; and

- instructions stored in the flash memory to cause the single-board computer to provide an identification for the electronic device to a controller through the pager network and to receive new program code from the pager

network through the data transceiver board and to reprogram the flash memory with the new program code for enhancing communications with the second electronic device such that once reprogrammed the device has new functionality for communicating with the second electronic device through the serial communications port, wherein the electronic device is reprogrammed and the second electronic device is not reprogrammed.

7. (Original) The device as defined in claim 6 wherein the housing is plastic and snap-fit.
8. (Original) The device as defined in claim 6 wherein the microcontroller is a 16-bit microcontroller.
9. (Original) The device as defined in claim 6 wherein the microcontroller is an 8-bit microcontroller.
10. (Currently Amended) A method for reprogramming an electronic device through use of a pager network comprising:
 - providing an electronic device comprising:
 - an external communications port for electronically connecting the electronic device to a first electronic device that is separate and distinct from the electronic device;
 - a data transceiver for transmitting send data and receiving receive data from a pager network;
 - a processor in electronic communication with the external communications port for communicating through the external communications port with the first electronic device, the processor also being in electronic communication with the data transceiver for communications with the pager network; and
 - flash memory;
 - establishing communications with the pager network;

providing an identification for the electronic device to a controller through the pager network;

receiving receive data from the pager network that includes new instructions for enhancing communications with the first electronic device; and

storing the new instructions in the flash memory of the device thereby reprogramming the device to add new capability to the electronic device for communicating with the first electronic device through the external communications port, wherein the electronic device is reprogrammed and the first electronic device is not reprogrammed.

11. (Currently Amended) The method as defined in claim 10 wherein the external communications port comprises a serial communications port for electronically connecting the device to another electronic device.

12. (Original) The method as defined in claim 10 wherein the electronic device is enclosed in a plastic snap-fit enclosure.

13. (Original) The method as defined in claim 10 wherein the electronic device further comprises a single-board computer, the single board computer including the processor and the flash memory.

14. (Original) The method as defined in claim 13 wherein the single-board computer and the data transceiver are connected by a serial connection.

15. (Currently Amended) A portable electronic device that is reprogrammable through a pager network, the device comprising:

means for processing;

means for communicating through an external port with a first electronic device that is separate and distinct from the electronic device;

means for storing data;

means for communicating with the pager network;

means for providing an identification for the electronic device to a controller through the pager network; and

means for causing the device to receive new program code from the pager network through the means for communicating with the pager network and to reprogram the means for storing data with the new program code to give the device new functionality for communicating with the first electronic device through the means for communicating with the first electronic device, wherein the electronic device is reprogrammed and the first electronic device is not reprogrammed.

16. (Original) The device as defined in claim 15 further comprising a plastic snap-fit enclosure.
17. (Original) The device as defined in claim 15 further comprising a single-board computer, the single board computer including the means for processing and the means for storing.
18. (Original) The device as defined in claim 15 wherein the means for processing comprises a microcontroller.
19. (Original) The device as defined in claim 18 wherein the microcontroller is a 16-bit microcontroller.
20. (Original) The device as defined in claim 18 wherein the microcontroller is an 8-bit microcontroller.